

See PK's parts list

Item numbers are from PK's list. See this list for a description of item numbers.

#### Item Numbers from PK's list

- 1) Disconnect Switch, 100A, 3P, W/Fuse clips. Found spare at 7W, gave to Gregg with a sheet in the box telling him what it is.
- 2) Disconnect Switch, 100A, 3P, W/Fuse clips. Found spare at 7W, gave to Gregg with a sheet in the box telling him what it is.
  - a. We have 2 total of items 1 and 2. They are the same.
- 3) Part number LC1D8011G6 contactor, aux set of contacts LA1DN11, MOV LA4 DE2G. **PO 101397 total \$1.6k**, ordering 3 of each. This is called K1, K2 and is used in model WUHPC-A2. There are a total of 24 of these contactors in operation.
- 4) Part Number 100-A75ND31. Allen Bradley Contactor. They do not make these anymore but we have 3 spare contactors we found at 7W. They come with only 1 N/O set of aux contacts. We do not have a spare for the other side mounted aux set of contacts on the left hand side which is made up of 1 N/C and 1 N/O. I am giving these 3 to Gregg with a label on the box telling him what it is. I am placing a PO for 2 replacement contactors just in case we need anymore. The PO is **PO 101525 total \$545.00**. This PO contains 2 replacement contactors, 2 top mount aux set of contacts, 2 side mount aux set of contacts and 2 surge suppressors.
- 5) This item, #5, is part number LC1D3210G6. This is being replaced by 2 different set of contactors made by ABB.
  - a. The K5's which are for the Dx magnets are being replaced by ABB A50-30-00-84. We use these in the dynapower 2000A p.s.'s. We have installed one in PNWH6Q5 warm up heater. There are 12 total in operation. Joe ordered another 2 which are on my desk and Mitch must install before we start up. We need to order 9 more minimum without spares. Since we use these in the 2000A p.s.'s I think we should order 5 spares. My **PO 101398, total \$1.9K**, is an order for 14 more. Mitch must also make adapter plates for these.
  - b. Now K1-K4 are being replaced by ABB A30-30-10-84. We use these in the 600A dynapowers. We have plenty of these spares in our inventory. We should put some in the warm up heater cabinet. Mitch needs to make adapter plates for these spares.
- 6) Item #6 are relays, part number RH2B-UDC24V. We use 60 of these. I found 5 of these at 7W. I write a PO for 10 more just in case. The PO is **PO 101408 for \$89**. I put these 5 relays in a box and gave them to Gregg. The box has a label on it.
- 7) Item # 7 is a Sola 24, 0.8A, linear p.s. We have 8 spares of these. I am not ordering anymore. I cancelled PO 101381 that I had written for these. I gave them to Gregg with labels on them.

- 8) Item #8, CT1, CT2 and CT3. Part number Hawkeye H-720. We use 90. I ordered 6 on **PO 101388, total \$1.1K.**
- 9) Item #9, WHT1, we use 18.
- 10) Item #10, WHT2, we use 6.
- 11) Item #11, WHT3, we use 1.
- 12) Item #12, WHT4, we use 12.
- 13) Item #13, WHT5, we use 12.
- 14) Item # 14, WHT6, we use 1.
  - a. Items #9-#14: I got a copy of the spec from PK and a quote from the company. I wrote a PO for these custom made transformers. The PO is **PO 101550 for \$2.6K.** I ordered 2 spares of each type of transformer. I still need to scan in the quote and attach it to the PO.
- 15) Surge suppressor for item 3 (K1, K2) or item 5 (K1-K5). These have been ordered on PO 101397 for item 3. Item 5 is being replaced by ABB contactors.
- 16) Surge suppressor for item 4. This is contactor K1, K2 made by Allen Bradley. They do not make this contactor anymore. We do have 3 spare contactors but no spare surge suppressors. I ordered 2 replacement contactors under PO 101525. The new surge suppressors for this contactor are also under this PO.
- 17) Aux contacts for item 3 (K1, K2) or item 5 (K1-K5). These have been ordered on PO 101397 for item 3. Item 5 is being replaced by ABB contactors.
- 18) Aux contacts for item 4 This is contactor K1, K2 made by Allen Bradley. They do not make this contactor anymore. We do have 3 spare contactors that come with one set of NO contacts.. I ordered 2 replacement contactors under PO 101525. The new aux contacts for this contactor are also under this PO.
- 19) Fuse holder for F4 and F5, I did not order any spare fuse holders.
- 20) F1, F2, F3, part number FRN-R-100.
- 21) F1, F2, F3, part number FRN-R-80.
- 22) F4 part number 313.6 fuse
- 23) F5 part number 313001 fuse
  - a. For items 20-23 see **PO 101458 for a total of \$257.48**
- 24) PLC, see **PO 101449 for a total of \$1.53K**
- 25) GE mini circuit breakers. They do not make these anymore. PK had 2 spares which I am giving to Gregg for spares. I also had Joe order a suitable replacement on credit card. When I get back from vacation I will test the replacement Joe ordered and make sure it fits. Then I will put it into spares and order 3 more. The part number of the replacement is SQUARE D type QOU115, 15Amps. Graybar sells them for around \$19 each. I have the PO written up already. **See PO 101397.**
- 26) Square D mini circuit breaker. Ordered under **PO 101397.**
- 27) Socket for item #6. Included with 5 spare relays we have.
- 28) TB1, There is a box I gave Gregg with a bunch of Terminal Blocks. TB1 is in this box as well as others.
- 29) Bridge bar for TB1 might be in big box of spare terminal blocks, or it might not be, not ordering.

- 30) TB3 (TB2), we had spares and the box is labeled. Gregg has it. I don't know why TB2 is in parenthesis. There is a box of regular TB2's and another box of TB2 ground ends.
- 31) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 32) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 33) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 34) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 35) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 36) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 37) TB2, we have a spare box of TB2's that I gave to Gregg to put into inventory. It is labeled.
- 38) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 39) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 40) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 41) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 42) Might be in big box of spare terminal blocks, or it might not be, not ordering.
- 43) A2 board assembled by BNL. I need to ask Gregg if we have this board in our inventory.
- 44) A1 board assembled by BNL. I need to ask Gregg if we have this board in our inventory.
- 45) CR1, CR2 diodes, Joe ordered 10 out of stock for me and I will give them to Gregg as spares for the warmup heaters. I don't think I labeled them. I think Joe just left them on Gregg's bench.
- 46) DS1 see item #48
- 47) DS2 see item #48
- 48) DS3 see item #48
  - a. No spares ordered for items 46-48
- 49) DS4-DS8, no spares ordered for these.
- 50) SW1, no spares ordered for this.
- 51) Contact block for item #50, no spares ordered for this.
- 52) Threaded standoff, no spares ordered for this.
- 53) Louvers, no spares ordered for this.
- 54) Cable, no spares ordered for this.
- 55) Cable, no spares ordered for this.
- 56) Wire, no spares ordered for this.
- 57) Wire, no spares ordered for this.

**PO's to place on 10/1/05**

- 1) 101397
- 2) 101525
- 3) 101398
- 4) 101408
- 5) 101388
- 6) 101550
- 7) 101458
- 8) 101449